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October 22, 1984

Henry W. Spencer, Ph.D.
Toxicology Branch/HED (TS-769)
Review Section # 1
Environmental Protection Agency
Washington, D.C. 20460

**OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361**

Dear Dr. Spencer:

On September 19, 1984, EPA provided the 2,4-D Task Force with a copy of the Toxicology Branch's August 7, 1984 memorandum, which reviewed Wil Laboratory Studies Nos. 22002, 81133, 81134 and 81135 (range-finding and teratology studies in Fischer 344 rats with 2,4-D and 2,4-Dichlorophenol). The Task Force is continuing its review of the August 7, 1984 memorandum, which concluded in part that the "studies are sufficient to indicate that 2,4-D and 2,4-Dichlorophenol are not teratogenic at up to 75 mg/kg and 750 mg/kg, respectively." (Conclusions and Recommendations, No. 1.)

Although the Toxicology Branch concludes that the Wil range-finding and teratology studies indicate that 2,4-D and 2,4-Dichlorophenol are not teratogenic at up to 75 mg/kg and 750 mg/kg, respectively, the memorandum (which we understood to be a review of the Wil range-finding and teratology studies), also concludes that:

As a result of previous studies in other species and strains of rodents, the Toxicology Branch continues to consider 2,4-D to be a teratogenic agent. These previous studies are in no way negated by the lack of a teratogenic finding in these current studies since they were run at much higher dosage levels.

So that the 2,4-D Task Force is ensured of working from the same data base as EPA, we would appreciate receiving a list of the references used in writing the review of the Wil teratology study.

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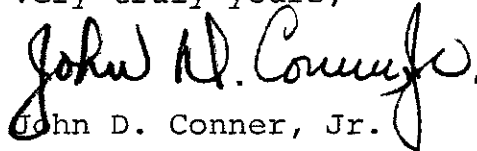
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Henry W. Spencer, Ph.D.
Page Two
October 22, 1984

We appreciate your assistance in this matter.

Very truly yours,


John D. Conner, Jr.

cc: ✓ R. Jaeger
R. Mountfort
L. Rossi



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Chemical: 2-4,D

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